7

PCT/FI2004/050189

## Claims

30

WO 2005/061798

- 1. A cradle for a film, coating, or sealing rod, in which the rod cradle has a profile (10) that includes a base part (11), 5 a rod groove (16), and a body part (14) between them, and in which the rod groove (16) is arranged to receive the rod (12) between lips (20, 20') edging the rod groove (16), and in which the circumference lying against the rod (12) is formed at least partly of a slider piece (22) of a material other than the 10 material of the base part (11) and the body part (14), characterized in that the slider piece (22) is an insert-moulded part of the profile (10).
- 2. A rod cradle according to Claim 1, <u>characterized</u> in that the said insert-moulded slider piece (22) forms a limited part (24) of the circumference lying against the rod (12), both of the lips (20, 20') of the rod groove (16) being of the base material.
- 20 3. A rod cradle according to Claim 1, <u>characterized</u> in that the said insert-moulded slider piece (22) forms a rod groove (16) and a liquid groove (18) surrounding the entire rod (12).
- 4. A rod cradle according to Claim 1 or 2, <u>characterized</u> in 25 that the slider piece is formed of a polymer slider piece (8).
  - 5. A rod cradle according to Claim 2, <u>characterized</u> in that the slider piece consists of an elastomer slider piece (4), which is moulded from polyurethane.
  - 6. A rod cradle according to any of Claims 1 5, <u>characterized</u> in that the slider piece (22) is of polyurethane, which is filled with a substance that reduces friction.
- 35 7. A rod cradle according to Claim 1, <u>characterized</u> in that the slider piece is non-homogenous, in such a way that the material

WO 2005/061798 PCT/FI2004/050189

8

on the bottom of the rod groove has a lower coefficient of friction against the rod than the rest of the circumference.